

Addition, subtraction, multiplication and division is useful learning because it is used in many areas of everyday life - e.g. shopping, cooking, or playing games. It also forms the basis for lots of other maths ideas.


## Addition, Subtraction, Multiplication, Division Methods



## Common Factors, Prime Numbers and Common Multiples

Factors: A factor is a number that you multiply with another number to get a product. A product is the solution to a multiplication problem.
Factor Rainbow for 24


The factors of 24 are $1,2,3,4,6,8$ 12 and 24. These numbers can be multiplied with another to make 24.

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| Common factors are factors of 2 or more numbers. e.g. the common factors of 36 and 40 are 1,2 and 4. |

Prime Numbers: Prime numbers can only be divided by itself and 1 . There are no other factors.


## Key Vocabulary

| Addition | Multiplication | Division | Subtraction | Integer | Estimate | Squared | Cubed | Factor | Prime Number | Reasoning |
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